ABSTRACT OF THE DISCLOSURE

A positive electrode material for a lithium secondary battery which is high in safety, high in capacity, excellent in rate performance and high temperature storage performance and high in charge/discharge efficiency is provided. The positive electrode material for a lithium secondary battery is obtained by adding Al to a Li-Ni-Co-Ba-O system raw material or preferably by adding Al and an amorphous phase of an oxide thereto. The positive electrode material for a lithium secondary battery is a composite oxide having a total composition represented by $Li_aNi_bCo_cBa_dAl_eO_x$ or $Li_aNi_bCo_cBa_dAl_eM_fO_x$ where

M: one or more elements selected from the group consisting of Li, Na, K, Si, Ba, B, P and Al

a: 1.0 to 1.2 mol

b: 0.5 to 0.95 mol

c: 0.05 to 0.5 mol

d: 0.0005 to 0.01 mol

e: 0.01 to 0.1 mol

f: 0.01 mol or less (not inclusive of 0)